www.lmkthermosafe.co.uk
www.inteliheat.com

THERMOSAFE LTD

Industrial Heating Technology
for drums IBCs totes & containers

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INTELIHEAT® FLEXIPLUS High-Powered T4 EX-Rated Heating Jackets

High Performance Jacket for Specialist Applications

Operating high performance heaters in a T4 classified EX-zoned area can be challenging, as the surface temperatures required to achieve functional needs can directly conflict with the auto-ignition rating of the classification. When applied to container heating, we offer low powered solutions to deliver gentle heating, such as our IHF/D/T4 and IHF-R/D/T4 flexible heating jackets for 205L drums. These designs offer efficient, safe, reliable, and repeatable solutions for viscosity improvement and anti-freeze processes.

Where there is a genuine process need to heat at a faster rate, or to higher temperatures, such as melting or rim-liquifying solids in drums, an alternative yet safe and reliable solution is required.

To meet this specialist need, LMK Thermosafe have designed enhancements to our standard T4 range, specifically for use with 205L drums and 1000L IBCs. These flexible jackets have higher power ratings, and come supplied with LMK Thermosafe's patented digital ProxATEX wall-mounted temperature controller. * The ProxATEX controller features a multi-functional manual interface, adjustable *inside* the hazardous area, plus a very simple "tap and go" quick adjustment using pre-programmed NFC cards.



As with LMK Thermosafe's other EX-rated heating jackets, these are manufactured using unique grades of custom silicone coated glass cloth outer fabrics and high-density fibreglass insulation. Specifications and markings shown below. For further details, or to discuss your project needs, please contact LMK Thermosafe Ltd., or your local distributor.

PRODUCT SPECIFICATION

Single Phase up to 240v, 50/60Hz ac
Class II Appliance, Indoor use IP54**
5m SY armoured 1.5mm2 3-core cable from controller to power supply, 4.5m from jacket to controller.

Part Reference	Part #	To Fit	Container Type	Current / Rated Power at 240v
IHF-C/D/T4	1884	205L Standard Drum	HDPE, Mild or Stainless Steel	7.5A / 1800W
IHF-C/IBC/T4	1885	1000L IBC	HDPE Bottle in Steel Cage	10.5A / 2500W

Hazardous Area Certification & Marking:
Standards: EN IEC 60079-0:2018, EN IEC 60079-7:2015 + A1:2018, EN60079-31:2014
EC-Type Certificate Number: CML13ATEX3018X Ⓔx II 2 G D Ex eb IIC T4 Gb Ex tb IIIC T135°C Db (Zones 1, 2, 21 and 22)

* Where required, EX-rated roving controller stands are also available, offering a truly portable solution. Please ask for details.
** Outdoor IP55 system rating available with use of LMK's secondary outer weatherproof covers and UV-stable cable.

Registered in England No. 3959310
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